PHASICS
The phase control company

SID4-sC8

HIGH RESOLUTION sCMOS QUANTITATIVE PHASE IMAGING CAMERA

Designed for life science and material inspection microscopes, SID4-sC8 brings fast, accurate and truly quantitative phase measurement in a compact, plug-and-play solution.

Biologists will benefit from label-free cell imaging, high sensitivity and automatic segmentation, while material scientists will have access to accurate refractive index measurement, laser damage analysis and surface characterization.

APPLICATIONS: Life science | Material inspection | Thermal imaging

KEY FEATURES

- sCMOS sensor
- Plug & Play
- Compact
- Compatible with fluorescence imaging
- Single shot phase and intensity measurement
- Compatible with any illumination / objective

SID4-sC8

sCMOS HIGH RESOLUTION CAMERA

ADVANTAGES

1. Compatible with acquisition software: Metamorph, Micromanager, NIS-Elements...
2. Magnification from x2.5 to x150
3. Imaging at any wavelength

SPECIFICATIONS

Sensor Technology	sCMOS
Wavelength range	450-1000 nm
Aperture dimensions (mm²)	16.6 x 14.0 mm²
Phase spatial resolution	19.5 µm
Phase & Intensity sampling	852 x 720
Resolution (Phase)	<1 nm RMS
Acquisition rate	40 fps
Real-time processing frequency	Up to 15 Hz (full resolution)
Connection	USB 3.0
Dimensions	140 x 82 x 80 mm
Weight	~ 1000 g

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